

## **CALL FOR PAPERS – special issue of the International Journal of Medical Informatics (IJMI) on *IS/IT Applications for the Support of Older People***

### **Guest Editors:**

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### **Special Issue Title: *IS/IT Applications for the Support of Older People***

The realities of an 'ageing population' place considerable demands on healthcare. This requires 'innovative methods' to be developed and integrated to address the effects of this older demographic. According to the European Commission a 60% increase is expected in the number of older patients by 2050. Therefore, the integration of technologies/applications into medical/home environments to facilitate easier information flow is required to maintain a highly patient-centric, prevention-based healthcare model.

The theme of this special issue is twofold: (1) to investigate the methods that are used to inform decisions around the adoption and development of IS/IT innovations for use with older patients; (2) to investigate the results of using such IS/IT innovations in practice to assist older patients and clinicians.

Papers with a strong evaluation of integrated or prototyped IS/IT applications are strongly encouraged. IS/IT applications applied within a specific domain e.g. home, day care facility or medical environment (e.g. a hospital lab, A&E or a patient screening process) may be evaluated from a number of user perspectives e.g. older patient, medical practitioner, care giver, or medical technician. Pure IS (Information System) or CS (Computer Science) style submissions (or both) are welcome but must clearly demonstrate that your IS/IT application provides support for older patients and an improvement over existing systems or services or lack thereof.

### **Topics (include but are not limited to):**

- The use of local practice-based repositories and data management tools to collect, correlate and disseminate clinical data for older patients.
- Evaluation of the adoption/integration of embedded sensing devices to enable vital-sign and spatial recording in older patients.
- (Pilot) Evaluation of new and innovative technological solutions to measure activities of daily living (ADL) in older patients.
- The evaluation of IS/IT integration and its effect on older patients' and medical practitioners' day-to-day activities.

**Publication Date:** September 2010

**Important Submission Dates:**

- **Intention to Submit Paper and Outline of Paper:** before end of November 2009
- **Completed Paper Submission:** before end of February 2010
- **Review Decision to Author:** before end of April 2010
- **Submission of Final Accepted Paper:** before end of June 2010

**Submission:**

All intentions to submit a paper and outline of the paper **should** be sent to Dr. David Sammon ([dsammon@afis.ucc.ie](mailto:dsammon@afis.ucc.ie)) and prompt feedback will be provided on the proposed submission.

All **completed paper submissions should** be made using the online submission system for the *International Journal of Medical Informatics* (<http://ees.elsevier.com/ijmi/default.asp>). To ensure that all manuscripts are correctly identified for inclusion into the special issue, it is important that authors select '**IT Support of Older People**' when they reach the 'Article Type' step in the submission process. If an author has a submission system problem/query, please email [authorsupport@elsevier.com](mailto:authorsupport@elsevier.com).